## **ABSTRACT**

Disclosed are a control system and a control method for an automatic transmission, in which a judgment is made whether or not a range selector (31) has been switched to a reverse range during forward traveling of the vehicle. When it is determined that the range selector (31) has been switched to the reverse range during forward traveling of the vehicle, a judgment is made whether or not the vehicle speed is lower than a first vehicle speed and whether or not the period of time that has elapsed until switching from the forward to the reverse range is shorter than a predetermined judgment time. When the vehicle speed is lower than the first vehicle speed and the period of time that has elapsed until switching from the forward to the reverse range is shorter than the predetermined judgment time, a forward/backward changeover mechanism (4) is switched to a reverse mode. Otherwise, the switching of the forward/backward changeover mechanism (4) to the reverse mode is delayed.